

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 03/00606

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H02M3/335 H02M1/12

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 42 27 183 A (GOSSEN GMBH) 24 February 1994 (1994-02-24) column 2, line 14 - line 40; figure	1-16
Y	US 6 246 596 B1 (YAMAZAKI HIROSHI) 12 June 2001 (2001-06-12) column 7, line 67 - column 8, line 10; figure 1	1-16
A	US 5 880 942 A (LEU FANG-JYE) 9 March 1999 (1999-03-09) the whole document	1-16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

19 November 2003

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10/12/2003

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4227183	A	24-02-1994	DE 4227183 A1	24-02-1994
US 6246596	B1	12-06-2001	JP 3236587 B2	10-12-2001
			JP 2001103743 A	13-04-2001
US 5880942	A	09-03-1999	DE 19748465 A1	01-10-1998